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(74) Agent: SANGIACOMO, Fulvia; Biesse S.R.L., Corso Matteotti, 42, I-25122 Brescia (IT).

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(71) Applicant (for all designated States except US): OUT-LINE DI NOSELLI G. & C. S.n.C. [IT/IT]; Via L. Da Vinci 56, I-25020 Flero (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NOSELLI, Guido [IT/IT]; Via Leonardo da Vinci 56, I-25020 Flero (IT). NOSELLI, Stefano [IT/IT]; Via Leonardo da Vinci 56, I-25020 Fléro (IT). NOSELLI, Michele [IT/IT]; Via L. da Vinci 56, 25020 Flero (IT).

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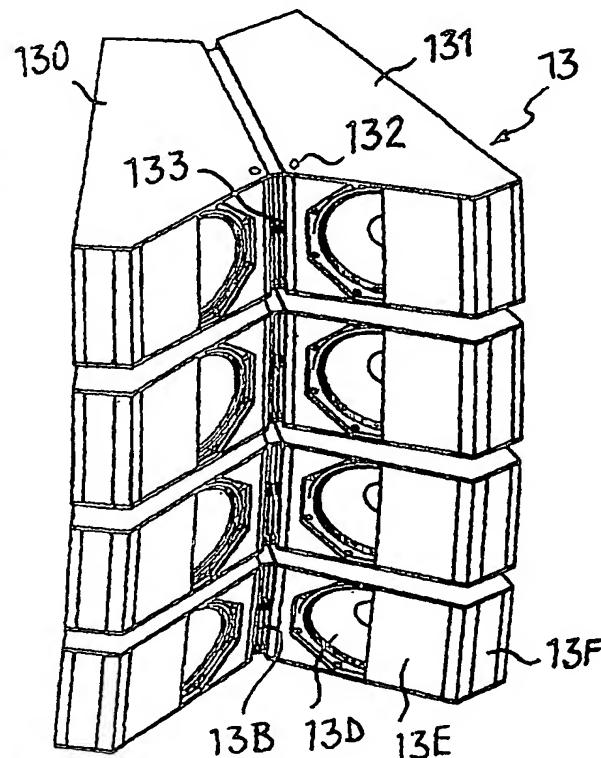
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(54) Title: SINGLE AND MULTIPLE REFLECTION WAVE GUIDE



(57) Abstract: The invention regards a method of sound diffusion by means of a horn or reflection wave guide, which includes the transformation of at least a sound emission source into a virtual point source exactly equal to a "real" point source, and diffusion of the sound from the "real" point source, with sound reflection by means of at least one reflecting surface, maintaining equal sound paths from any point of the emission source. The invention also regards a reflecting wave guide with a sound reflection surface positioned in front of the sound emission plane and configured to transform this sound emission plane into a real point source, and at least one reflection surface combined with the real point source for diffusing the sound towards a measurement or listening position.

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